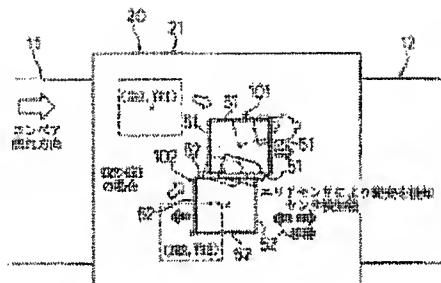


COLLISION PREVENTING METHOD AND DEVICE FOR ARTICLE HANDLING DEVICE**Publication number:** JP9290392 (A)**Publication date:** 1997-11-11**Inventor(s):** ENDO SHINICHI; HAMAMOTO SHINJI; AKIYAMA KAORU +**Applicant(s):** KAO CORP +**Classification:**- **international:** B25J19/06; B25J19/06; (IPC1-7): B25J19/06- **European:****Application number:** JP19960126335 19960424**Priority number(s):** JP19960126335 19960424**Abstract of JP 9290392 (A)**

PROBLEM TO BE SOLVED: To simplify arithmetic control for preventing a collision of a plurality of article handling actuators in an article handling device and make the article follow-up speed of each article handling actuator rapid. **SOLUTION:** In a collision preventing method for an article handling device 20 having a plurality of article handling actuators 101, 102, the relative position relation of the respective actuators 101, 102 are detected by detectors 51, 52, and when the relative positions enter a collision precognitive area, each residual follow-up distance from the respective actuators 101, 102 to handled object articles is obtained, and in case the article handling actuator 101 has the minimum distance, the other actuator 102 is positioned outside of the collision precognitive area.



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